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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner: Millennium Pharmaceuticals, Inc. Application No./Patent No.: 7,038,018 Filed/Issue Date: May 02, 2006 Entitled: ANTIBODIES AND LIGANDS FOR" BONZO" CHEMOKINE RECEPTOR Millennium Pharmaceuticals, inc. a Delaware corporation (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that It is: the assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is_ In the patent application/patent identified above by virtue of either: A An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 010797 , Frame 0369 , or for which a copy thereof is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown 1. From: The document was recorded in the United States Patent and Trademark Office at . Frame _, or for which a copy thereof is attached. The document was recorded in the United States Patent and Trademark Office at ___, Frame ___ _, or for which a copy thereof is attached. The document was recorded in the United States Patent and Trademark Office at Reel __, Frame _ ___, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. October 30, 2009 Signature Date Janice M. Klunder 617-551-3699 Printed or Typed Name Telephone Number Senior Patent Counsel Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPYO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPYO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commence, P.O. Box 1450, Alexandris, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandris, VA 22313-1450.

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSİGNOR:

BRISKIN, MICHAEL J.

DOC DATE: 04/28/2000

ASSIGNOR:

MURPHY, KRISTINE E.

DOC DATE: 04/28/2000

ASSIGNOR:

WILBANKS, ALYSON M.

DOC DATE: 04/28/2000

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DOC DATE: 04/28/2000

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MILLENNIUM PHARMACEUTICALS, INC. 75 SIDNEY STREET CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 09449437

PATENT NUMBER:

And the second s

FILING DATE: 11/24/1999

ISSUE DATE:

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PAGE 4/10 * RCVD AT 10/30/2009 11:58:15 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/29 * DNIS:2738300 * CSID:6175518820 * DURATION (mm-ss):01-42

010797/0369 PAGE 2

PEARLENE FOSTER, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

OCT 3 0 2009

Docket No.: 1855,1070-000 ::ODMAMHODOMA/IMANAGE;131896;1 05-23-2000 RECOR ŒET 101364251 To the Honorable Commissioner of Pate.... original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Michael J. Briskin Kristine E. Murphy Name: Millennium Pharmaceuticals, Inc. Alyson M. Wilbanks May Lijun Wu Internal Address: Additional name(s) of conveying party(ies) attached? [] Yes [X] No Street Address: 75 Sidney Street Nature of conveyance: [X] Assignment [] Merger Security Agreement [] Change of Name City: Cambridge State: 02139 [] [] Other Additional name(s) & address(es) attached? [] Yos [X] No Execution Date: April 28, 2000 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 09/449,437 Additional numbers attached? [] Yes [X] No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Total Fcc (37 C.F.R. 3.41)...... \$ 40.00 Name: Helen E. Wendler, Esq. (XI Enclosed Internal Address: Authorized to charge any deficiencies or credit any [X] overpayment to deposit account Hamilton, Brook, Smith & Reynolds, P.C. Authorized to be charged to deposit account [] 8. Deposit account number: Two Militia Drive Street Address: 08-0380 ZIP: 02421-4799 City: Lexington State: MA (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original Helen & Clendler May 4, 2000 Helen E. Wondler Name of Person Signing Total number of pages including cover sheet, attachments, and document:

05/23/2000 JSHABAZZ 00000008 09449437

40 A0 CD

Docket No. <u>1855.1070000</u>

Joint

ASSIGNMENT

WHEREAS, we, Michael J. Briskin, Kristine E. Murphy, Alyson M. Wilbanks and Lijun Wu, have invented a certain improvement in NOVEL ANTIBODIES AND LIGANDS FOR "BONZO" CHEMOKINE RECEPTOR described in an application for Letters Patent of the United States, the specification of which:

[]	is being executed on even date herewith and is about to be filed in the United States Patent Office;					
[X]	was filed on November 24, 1999 as Application No. 09/449,437;					
[]	was patented under U.S. Patent No. on					

WHEREAS, Millennium Pharmaceuticals, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 75 Sidney Street, Cambridge, Massachusetts 02139 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the

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giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature:	N	3 h	Michael J. I	Briskin					
State/Commonwealth									
of Mass		·							
County of M. D. Reso	*								
Then personally appeared before me the above-named Michael J. Briskin and acknowledged that he executed the foregoing instrument as his free act and deed this $\frac{\partial \delta^{n}}{\partial t^{n}}$ day of $\frac{\partial \delta^{n}}{\partial t^{n}}$, 20 00.									
(SEAL)	£	Les Si	Station	Notary Public					
	(= d)	HA COSA	usarm	(print name)					
	My Comm	nission exp		15106					
			•						

-3-

Inventor's Signature: Juptho 2 Manghay Kristing F. Murphy								
State/Commonwealth								
• • • • • • • • • • • • • • • • • • • •								
of Massachusetts								
County of 45A	Middle Sex Km/A							
Then personally appeared before me the above-named Kristine E. Murphy and acknowledged that she executed the foregoing instrument as her free act and deed this								
(SEAL)	Ed. to Entrance (print name)							
•	(print name)							
	Commission expires _ 5 / 5 / 6L							
141)	Commission expires							
,								
Inventor's Signature: Alyson M. Wilbanks State/Commonwealth of								
Comity of Banks Posses	Wat & Training							
Then personally appeared befor acknowledged that she executed	e me the above-named Alyson M. Wilbanks and I the foregoing instrument as her free act and deed this Aye. 1 20 00							
Then personally appeared befor acknowledged that she executed	e me the above-named Alyson M. Wilbanks and I the foregoing instrument as her free act and deed this April 20 00 Notary Public							
Then personally appeared befor acknowledged that she executed day of	e me the above-named Alyson M. Wilbanks and I the foregoing instrument as her free act and deed this Aye. 1							
Then personally appeared befor acknowledged that she executed day of (SEAL)	e me the above-named Alyson M. Wilbanks and I the foregoing instrument as her free act and deed this April 20 00 Notary Public							

-4-

		<u> </u>						
Inventor's Signature:	Suite	wow.						
State/Commonwealth of MASSALLY	Lijun	Wu						
County of Middlesex								
Then personally appeared before me the above-named Lijun Wu and acknowledged that she executed the foregoing instrument as her free act and deed this day of								
(SEAL)	Edit Estated	Notary Public						
	Ed. H ESTANCEL	(print name)						
	My Commission expires							
::ODMAMHODMAVMANAGE:126371,1								